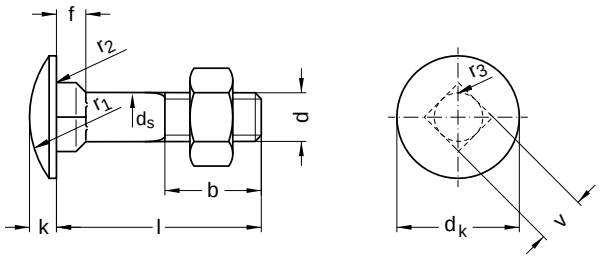
DIN 603

Mushroom head bolts

With square neck | with hexagon nut

Steel 4.6 | zinc-plated | Cr(VI)-free | Metric thread





Diameter (d)	b			d_k		d_s		f	
	l up to 125	l up to 200	l longer than 200	min.	max.	min.	max.	min.	max.
M5	16	22	–	12.45	13.55	4.52	5	2.90	4.10
M6	18	24	–	15.45	16.55	5.52	6	3.40	4.60
M8	22	28	41	19.35	20.65	7.42	8	4.40	5.60
M10	26	32	45	23.35	24.65	9.42	10	5.40	6.60
M12	30	36	49	29.35	30.65	11.30	12	7.25	8.75
M16	38	44	57	37.20	38.80	15.30	16	11.10	12.90

Diameter (d)	k		r_1	r_2	r_3	Pitch	v	
	min.	max.	nominal size	nominal size		(P)	max.	min.
M5	2.70	3.30	10.7	0.5	0.75	0.80	5.48	4.52
M6	3.12	3.88	12.6	0.5	0.90	1.00	6.48	5.52
M8	4.12	4.88	16.0	0.5	1.20	1.25	8.58	7.42
M10	4.62	5.38	19.2	0.5	1.50	1.50	10.58	9.42
M12	6.05	6.95	24.1	1.0	1.80	1.75	12.70	11.30
M16	8.05	8.95	29.3	1.0	2.40	2.00	16.70	15.30

Length (l)		
nominal size	min.	max.
16	15.10	16.90
20	18.95	21.05
25	23.95	26.05
30	28.95	31.05
35	33.75	36.25
40	38.75	41.25
45	43.75	46.25
50	48.75	51.25
55	53.50	56.50
60	58.50	61.50

Length (l)		
nominal size	min.	max.
65	63.50	66.50
70	68.50	71.50
75	73.50	76.50
80	78.50	81.50
90	88.25	91.75
100	98.25	101.75
110	108.25	111.75
120	118.25	121.75
130	128.00	132.00
140	138.00	142.00

Length (l)		
nominal size	min.	max.
150	148.00	152.00
160	156.00	164.00
170	166.00	174.00
180	176.00	184.00
200	195.40	204.60
220	215.40	224.60
240	235.40	244.60

All technical data refer to the measure mm

All technical data without obligation. Subject to technical changes and errors.

DIN 603

Mushroom head bolts

With square neck | with hexagon nut

Steel 4.6 | zinc-plated | Cr(VI)-free | Metric thread

Diameter	Length (l)																								
(d)	16	20	25	30	35	40	45	50	55	60	65	70	75	80	90	100	110	120	130	140	150	160	170	180	200	220	240
M5	●	●	●	●	●	●	●	●	●	●					●												
M6	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●									
M8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●						
M10		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●		
M12				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●		●		●	●
M16					●			●		●								●				●					

All technical data refer to the measure mm

All technical data without obligation. Subject to technical changes and errors.